PATENT	APPLICATION	SERIAL	NO.	

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

01/21/2004 GWORDDF1 00000041 090458 10707878

01 FC:1001

770.00 DA

PTO-1556 (5/87)

Electronic Filing System (EFS) Data Electronic Patent Application Submission USPTO Use Only

EFS ID:

53980

Application ID:

10707878

Title of Invention:

Nano-grain Structure and

Polycrystalline Silicon Layer With

Method of Manufacture

First Named Inventor:

Ashima Chakravarti

Domestic/Foreign Application:

Domestic Application

Filing Date:

2004-01-20

Effective Receipt Date:

2004-01-20

Submission Type:

Utility Patent Filing

Filing Type:

new-utility

Confirmation number:

1877

Attorney Docket Number:

FIS920030317US1

Total Fees Authorized:

810.0

Payment Category:

Deposit Account

Deposit Account Number:

90458

Deposit Account Name:

IRA D. BLECKER

RAM Payment Status:

RAM has not been processed

Digital Certificate Holder: cn=Herbert Blecker,ou=Registered Attorneys,ou=Patent and Trademark

Office,ou=Department of Commerce,o=U.S. Government,c=US

Certificate Message Digest: b596f825f548fd4097cbabb1c97b587172c3dd4e

PATENT APPLICATION FEE DETERMINATION RECORD

Effective October 1, 2003

Application or Docket Number FIS9200303/705/

CLAIMS AS FILED - PART I (Column 1) (Column 2)						SMALL ENTITY TYPE OF		OR	OTHER THAN SMALL ENTITY	
TOTAL CLAIMS		20			RATE	FEE	7	RATE	FEE	
FOR					UMBER EXTRA	BASIC FEI		OR	BASIC FEE	
TOTAL CHARGEABLE CLAIMS			20 mir	20 minus 20= *		X\$ 9=	1	OR	X\$18=	
INDEPENDENT CLAIMS) minus 3 = *			X43=	1	OR	X86=	
MULTIPLE DEPENDENT CLAIM PF			RESENT			+145=			+290=	
* 11	the difference	e in column 1 is	less than ze	ero, enter "0"	in column 2	TOTAL	 	OR OR	TOTAL	770
	C	LAIMS AS A	MENDED) - PART II		10	L	J () .	OTHER	
_		(Column 1)	-	(Column 2	?) (Column 3)	SMALL		OR	SMALL	ENTITY
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSL PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NON	Total	*	Minus	**	=	X\$ 9=		OR	X\$18=	
AME	Independent	*	Minus .	***	=	X43=		OR	X86=	
<u> </u>	FIRST PHESE	NTATION OF MU	JLTIPLE DEF	'ENDENT CLA	/IM	+145=		OR	+290=	
	1	18				TOTAL ADDIT. FEE	·	L	TOTAL ADDIT. FEE	
	-					AUUII. FEL		,	10011. I LL	
<u> </u>		(Column 1)		(Column 2) (Column 3)					
ENT B		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2 HIGHEST NUMBER PREVIOUSL' PAID FOR	PRESENT	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDMENT B	Total	CLAIMS REMAINING AFTER	Minus	HIGHEST NUMBER PREVIOUSLY	PRESENT		TIONAL	OR	RATE X\$18=	TIONAL
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	Y PRESENT EXTRA = =	RATE	TIONAL	OR OR		TIONAL
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	Y PRESENT EXTRA = =	RATE X\$ 9=	TIONAL	İ	X\$18=	TIONAL
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT *	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	Y PRESENT EXTRA = =	RATE X\$ 9= X43= +145= TOTAL	TIONAL	OR OR	X\$18= X86= +290=	TIONAL
AMENDMENT B	Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU (Column 1)	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR ** *** ENDENT CLA	PRESENT EXTRA = = IMM	RATE X\$ 9= X43= +145=	TIONAL	OR OR	X\$18= X86= +290=	TIONAL
U	Independent	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA = =	RATE X\$ 9= X43= +145= TOTAL	TIONAL	OR OR	X\$18= X86= +290=	TIONAL
U	Independent FIRST PRESE	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT	Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR *** ENDENT CLA (Column 2) HIGHEST NUMBER PREVIOUSLY	PRESENT EXTRA = =	X\$ 9= X43= +145= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	ADDI-TIONAL
	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT * *	Minus ULTIPLE DEP Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** *** *** (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** ***	PRESENT EXTRA = =	RATE X\$ 9= X43= +145= TOTAL ADDIT FEE	ADDI- TIONAL FEE	OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE	ADDI-TIONAL
U	Independent FIRST PRESE Total Independent	CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU (Column 1) CLAIMS REMAINING AFTER AMENDMENT *	Minus ULTIPLE DEP Minus Minus	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** *** *** (Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR ** ***	PRESENT EXTRA = =	RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43=	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18= X86=	ADDI-TIONAL
• AMENDMENT C	Independent FIRST PRESE Total Independent FIRST PRESE the entry in colur	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU mn 1 is less than the	Minus JLTIPLE DEP Minus Minus JLTIPLE DEP	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** *** *** *** *** ***	PRESENT EXTRA =	RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE RATE X\$ 9= X43= +145= TOTAL	ADDI- TIONAL FEE	OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE RATE X\$18=	ADDI-TIONAL
* * * AMENDMENT C	Independent FIRST PRESE Total Independent FIRST PRESE the entry in colur the "Highest Nur f the "Highest Nur f the "Highest Nur	CLAIMS REMAINING AFTER AMENDMENT * * NTATION OF MU CLAIMS REMAINING AFTER AMENDMENT * NTATION OF MU mn 1 is less than the other Previously Paimber Previously	Minus JLTIPLE DEP Minus Minus JLTIPLE DEP e entry in colunid For IN THIS id For IN THIS	HIGHEST NUMBER PREVIOUSLY PAID FOR *** *** *** *** *** *** ***	PRESENT EXTRA =	RATE X\$ 9= X43= +145= TOTAL ADDIT. FEE X\$ 9= X43= +145= TOTAL ADDIT. FEE	ADDI- TIONAL FEE	OR OR OR OR	X\$18= X86= +290= TOTAL ADDIT. FEE X\$18= X86= +290= TOTAL DDIT. FEE	ADDI-TIONAL